

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

JUN 10 2005 (list as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number 09/436,984

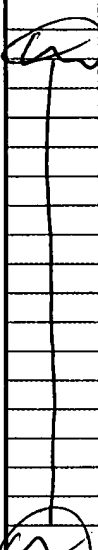
Filing Date November 9, 1999

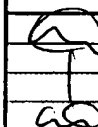
First Named Inventor Shunpei YAMAZAKI et al.


Art Unit 2823

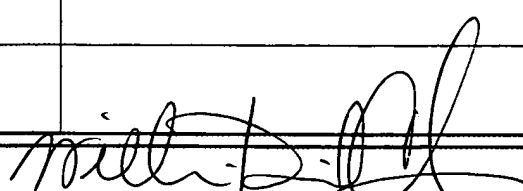
Examiner Name William D. Coleman

Attorney Docket Number 740756-2063

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-3,933,529	01-20-1976	GOSER	
		US-5,254,490	10-19-1993	KONDO	
		US-5,323,042	06-21-1994	MATSUMOTO	
		US-5,358,879	10-25-1994	BRADY et al.	
		US-5,594,569	01-14-1997	KONUMA et al.	
		US-5,693,959	12-02-1997	INOUE et al.	
		US-5,719,588	02-17-1998	JOHNSON	
		US-5,912,492	06-15-1999	CHANG et al.	
		US-5,965,919	10-12-1999	YOO	
		US-5,990,542	11-23-1999	YAMAZAKI	
		US-6,008,869	12-28-1999	OANA et al.	
		US-6,166,396	12-26-2000	YAMAZAKI	
		US-6,180,957 B1	01-30-2001	MIYASAKA et al.	
		US-6,274,887 B1	08-14-2001	YAMAZAKI et al.	
		US-6,281,552 B1	08-28-2001	KAWASAKI et al.	
		US-2003/0138985 A1	07-24-2003	RHODES	
		US-6,617,644 B1	09-09-2003	YAMAZAKI et al.	
		US-6,784,037 B2	08-31-2004	YAMAZAKI et al.	

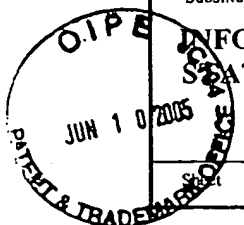
FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>2</sup> (if known)				
		JP 03-250632	11-08-1991	KONDO		Abstr.
		JP 04-369271	12-22-1992	TAKEDA et al.		Full
		JP 05-102483	04-23-1993	UEDA		Full
		JP 09-116167	05-02-1997	MIYASAKA et al.		Abstr.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		YOSHIDA et al., 33.2: A Full-Color Thresholdless Antiferroelectric LCD Exhibiting Wide Viewing Angle with Fast Response Time, SID 97 DIGEST: SID International Symposium Digest of Technical Papers, 1-1-1997, pp. 841-844.	

Examiner Signature  Date Considered July 27, 2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449B/PTO		<b>Complete if Known</b>			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	09/436,984		
		Filing Date	November 9, 1999		
		First Named Inventor	Shunpei YAMAZAKI et al.		
		Group Art Unit	2823		
		Examiner Name	William D. Coleman		
Sheet 1	2	of	2	Attorney Docket Number	740756-2063

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		H. FURUE et al., P-78: Characteristics and Driving Scheme of Polymer-Stabilized Monostable FLCSD Exhibiting Fast Response Time and High Contrast Ratio with Gray-Scale Capability, SID 98 DIGEST: SID International Symposium Digest of Technical Papers, 01-01-1998, pp. 782-785.	
		INUI et al., Thresholdless Antiferroelectricity In Liquid Crystals and Its Application to Displays, Journal of Materials Chemistry, 1/1/1996, pp. 671-673, Vol. 6, No. 4.	
		EKISHO, Time Divided Full Color LCD by Ferroelectric Liquid Crystal, 7/25/1999, pp. 190-194, Vol. 3, No. 3.	
		TERADA et al., Half-V Switching Mode FLCSD, Proceedings of the 46 <sup>th</sup> Applied Physics Association Lectures, 3/1/1999, pp. 1316, Vol. 28p-V-8,.	
		Webster's II New Riverside University Dictionary, pp. 839.	

Examiner Signature		Date Considered	July 27, 2005
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